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(54) Title: **FACEMASK WITH FILTERING CLOSURE**

(57) Abstract: There is provided a protective media and a method of manufacturing the same. In one aspect, the protective media includes a porous dielectric carrier, an active agent incorporated in the porous dielectric carrier, and an electrostatic charge across at least a portion of the porous dielectric carrier. This innovative media is capable of eradicating microorganisms and/or toxins more efficiently than prior art solutions and can also self sterilize.



WO 2004/024292 A2